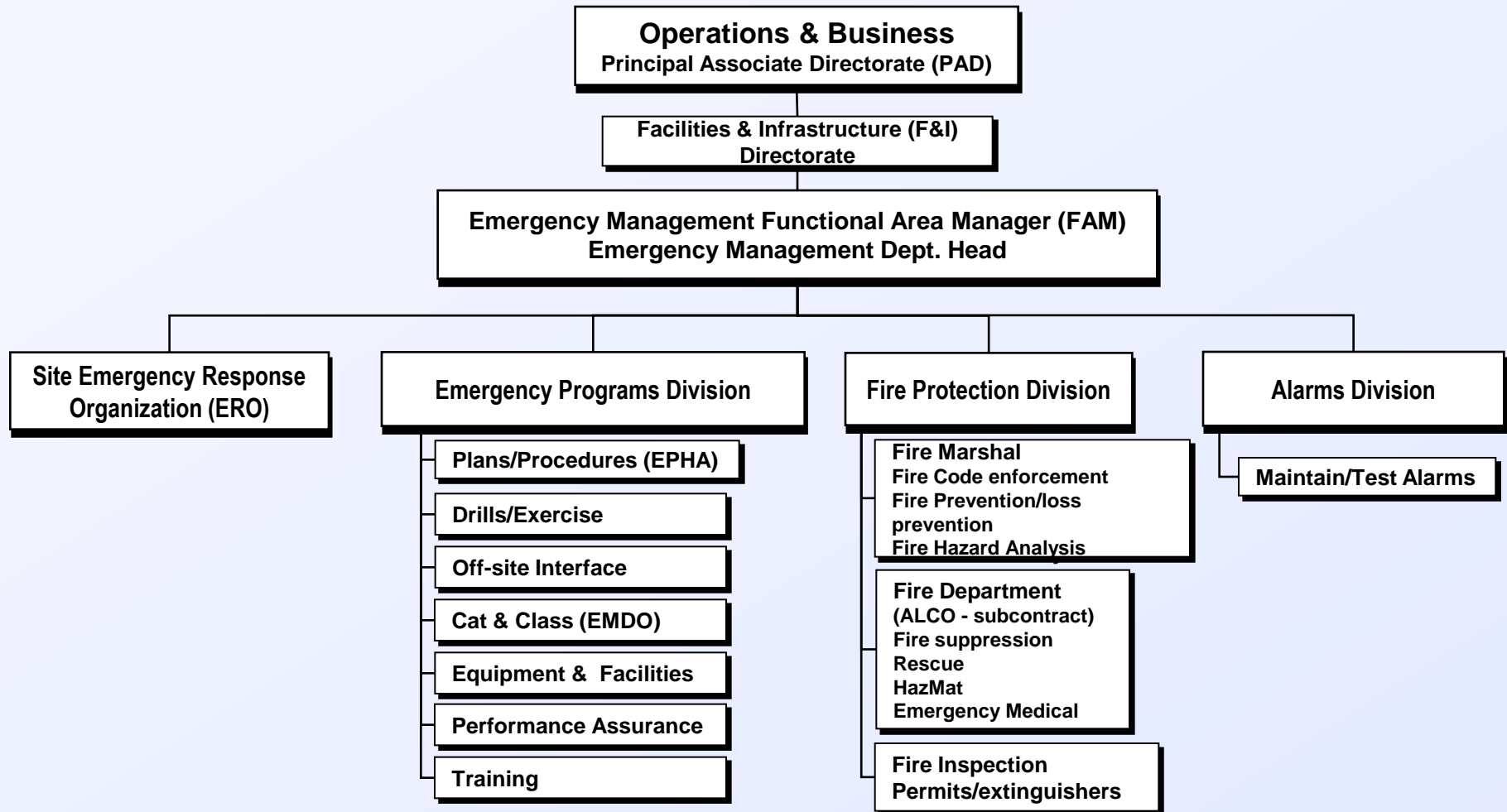


Lawrence Livermore National Laboratory Emergency Response During Disasters June 7, 2011



John A. Sharry

LLNL Emergency Management Organization



LLNL Emergency Management

LLNL has an integrated emergency response capability which includes response by:

- Fire Department
- Security
- ES&H Organizations
- Facility Management

Primary responder to all emergencies is the Fire Department



LLNL Fire Department



Sub Contracted to Alameda County Fire Department

ACFD covers 506 square miles

28 fire stations

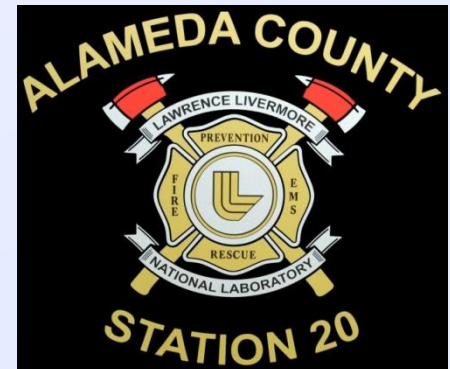
Serves 4 Cities, 2 DOE Labs, & unincorporated county

Contract provides staffing for emergency response

2 – Four person companies at Livermore Site

1 – Four person company at Site 300

1 – Battalion Chief (shared)



LLNL Fire Department Capability



Capability at Livermore Site per company

Hazardous Materials Qualified

1 Paramedic

3 Emergency Medical Technicians

Capability at Site 300 similar without HazMat speciality



Alarm monitoring and dispatch

Alameda County Regional Emergency Communications Center (ACRECC)

- Dispatches emergencies for County and 5 cities
- Monitors emergency alarms for LLNL and LBNL
- Mutual aid dispatch center for north/western California
- Dispatches 85,000 incidents/year
- Dispatches LLNL units as part of county system



Problems during wide area emergencies

Emergency information coming into two locations

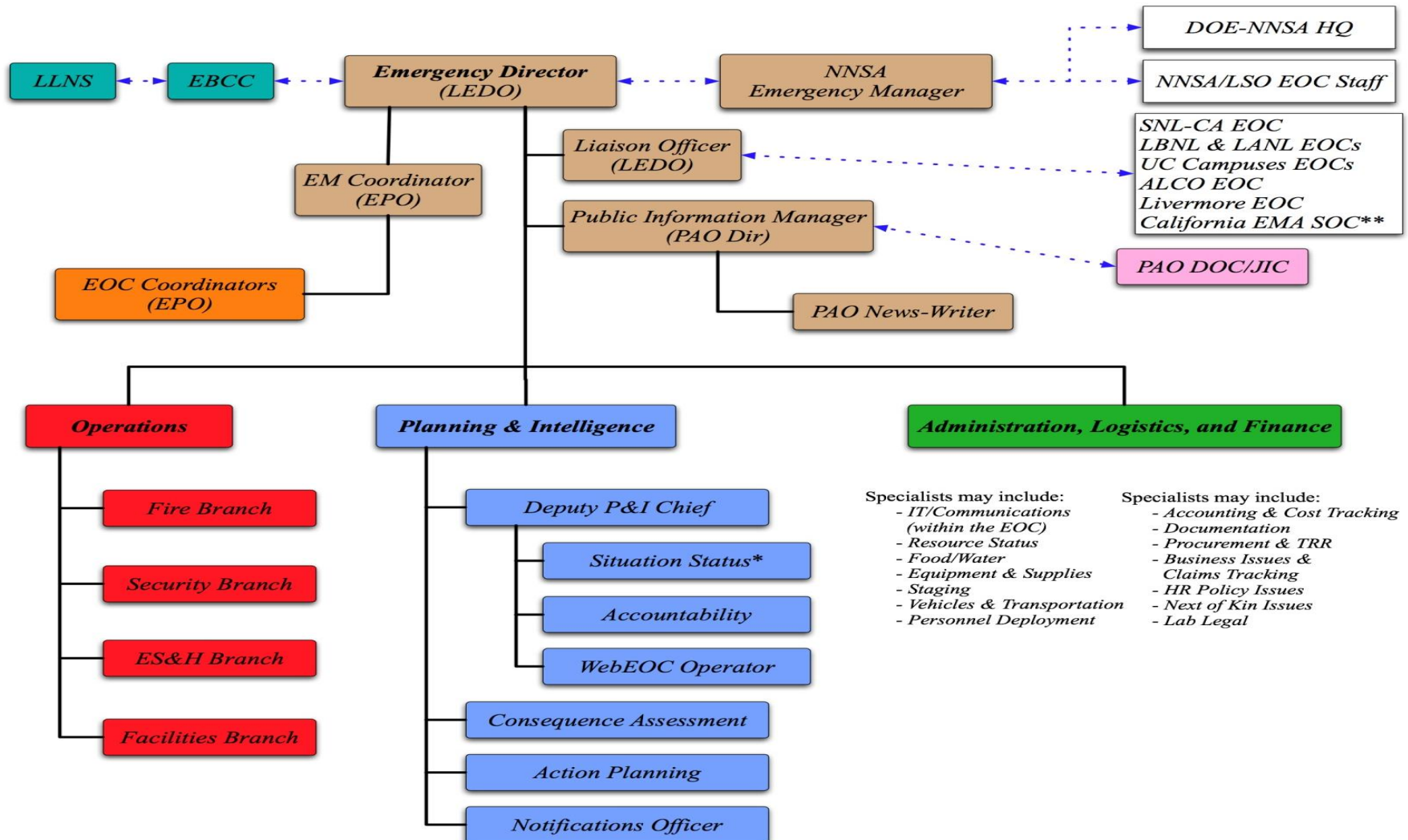
- ACRECC via system alarms & 911
- EOC via multiple routes

ACRECC dispatches LLNL fire units via standard protocols

LLNL wants dispatch priority changed during disasters

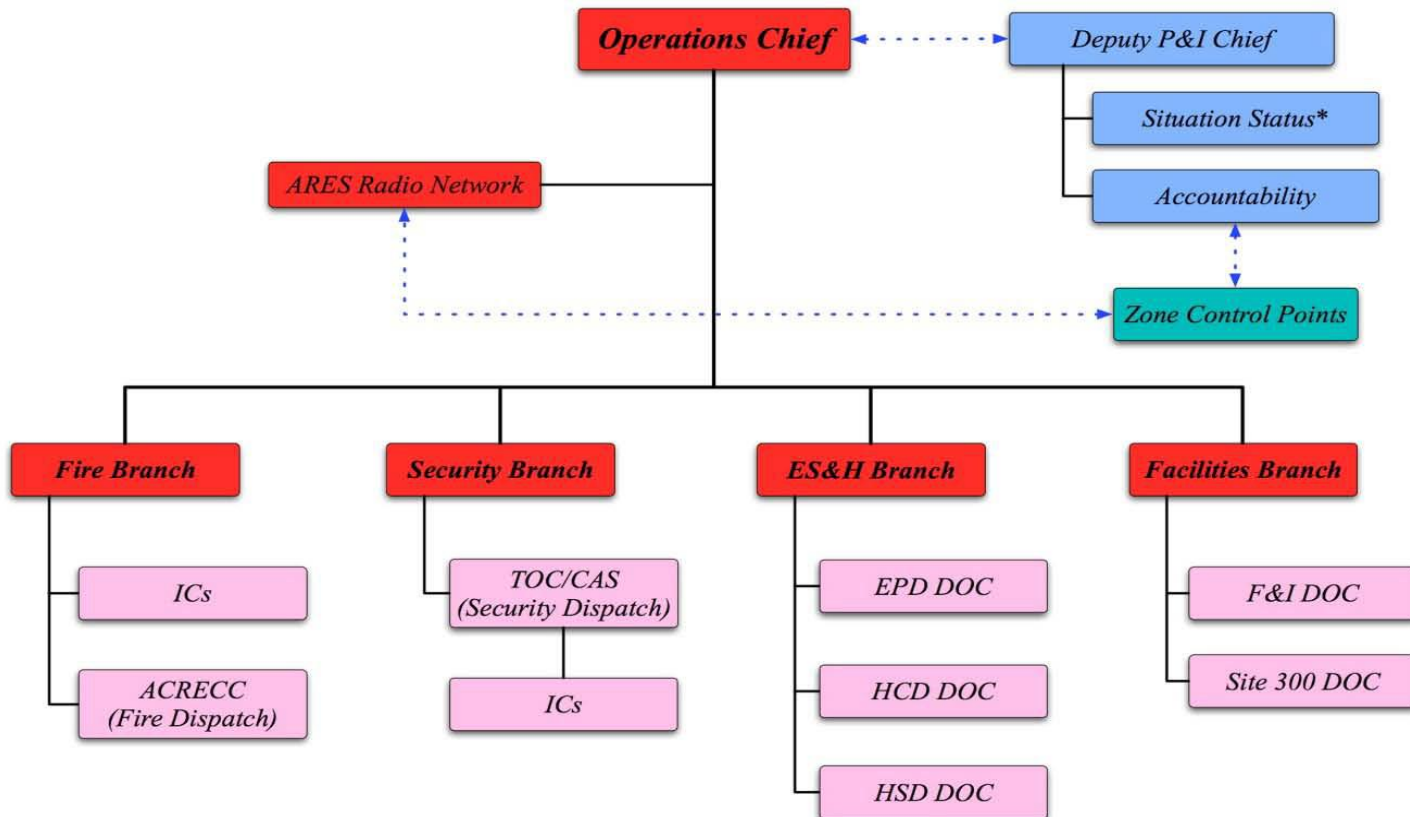


LLNL EOC



LLNL EOC Operations Section

LLNL EOC Operations Section and Department Operations Centers (DOCs)



← - - - → - Information/Report Flow



LLNL Disaster Mode Operations

Assumption:

- Mutual aid will likely be delayed for several hours

LLNL must be prepared to stand on its own

- Self Help Organization
- LLNL units are captured initially for LLNL response only
- All incidents funneled to EOC Fire Branch
- EOC Fire Branch sets dispatch priority
- Mutual aid given after LLNL situation is stable



Disaster Dispatch Priority



1. Significant incidents involving Nuclear or EPHA facilities
2. Trapped victims endangered by fire, flood, storm, etc.
3. Large fires or fires with probability of spread to other structures
4. Trapped victims with serious injuries
5. Medical aid to severe injuries
6. Minor fire, medical assists, etc.

